



The GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society
June 2012 <http://www.gars.org/> Volume 21, Issue 6



Satellites In the Park



See story—Page 3

Message From The President

FIELD DAY is upon us! Yes, it is June already and we are ready. For those who do not know, it is the biggest amateur radio operating event in the United States and **GARS does Field Day with style and class**. Our Field Day is big, open, and inviting. We may not finish at the top of the points, but we do *very* well. Every year for several years now, North Fulton has thrown down the gauntlet so to speak and challenged us to beat them on points. Congratulations to them for winning the points for all the years in recent memory. However, GARS has managed to create what is, in my opinion, the very best overall Field Day experience in North Georgia. We have lots of friendly people, a great pavilion, plenty of radios to work, we eat well, and above all else, we have a really good time. Do yourself a favor and come out and enjoy it for yourself. Bring out your family too. You do not have to be a member of GARS to enjoy Field Day with us.



Kyle Albritton—

May Madness was good but could have been better. It was great fun for those who participated, but not as many joined in the fun as I had hoped. I do not know who won what categories, but I certainly had fun with it. I contacted five new members, which is great, but I wish I had worked many more. I should not be complaining though, because when you think about it, talking to five new members in just a single month is actually a really good number! At least several people who took the opportunity to work Gwinnett county on simplex were surprised and educated about what they could do without the use of a repeater. For example, Kevin KJ4SUJ was surprised to work me in Buford from inside his house with his HT in Lawrenceville. Thanks to all the GARS members who made contacts in this contest. If we do this again in the future, I hope more people will join in the fun.

Satellites in the park was excellent. We had a nice turnout for that event and the best part was we made five satellite contacts! Hal W4IGE chose a nice knoll in Bogan park where we had few trees and a great big view of the sky. The weather was perfect and the group's high energy was tenable. As the event evolved, we basically divided into two groups: aimers and operators. Smartphone apps made hand aiming much more accurate for the aimers. An FT-847 transceiver made working the satellites much easier for the operators. Through teamwork and a common goal, team GARS made it happen and the event was rewarding for all of us. Now we hope we can replicate this effort at Field Day later this month.

GARS also had a great turn out for the Ford Trimotor special event station we hosted for the EAA690 chapter. That was loads of fun. Then we had the Dacula Memorial Day Parade, which was the smoothest one we have had that I can remember. The very next weekend we had our hands full with GARS' part in the ARC hamfest and antenna launcher contest. Like the Trimotor event, those went off without a hitch too. Thanks to all who helped organize, participated in, and supported these events. It is great that GARS offers so many exciting activities and it is your participation that makes the events possible and fun.

I look forward to seeing you all at Field Day! As always, may you have great health, wealth, and all your contacts be 59.

Kyle W4KDA

Satellites... In The Park

"...It must have been the fourth of July"

Impressions from participants:

Saturday was fun and we had a really good turn out. We made 5 satellite contacts! Gary, N4OLN came the farthest, from Conyers. He agreed to come help us out again at Field Day this year, on June 23rd & June 24th at Sweetwater Park.

Thanks to all those who participated, and special thanks to Hal for setting it all up, and to David for providing most of the satellite equipment. We had lots of hardware and software there, but John's programs/devices made it a LOT easier to point the antenna array accurately in real time. Plus, it was great entertainment watching John do the hokey pokey to get his compass sync'd between passes. Wish we had a video of that to post on the GARS YouTube channel! :)

John, David is seriously considering putting a tablet mount and sun-shield on the antenna array for Field Day.

73, *Kyle* W4KDA

Some of you were asking about the app we used for pointing the antennas and tracking the satellites across the sky. It is called Satellite AR and is free on Android, but there is a charge for the iPhone version. It works great if you have a camera on your Smartphone or tablet as it shows the sky and superimposes the satellite and its track as you point it toward the sky. It uses the Internet to get tracking and orbit data so a data plan is needed.

It's also useful for seeing if you have line of sight for home satellite systems (Dish and DirecTV) and tracking the ISS. Pretty cool program. I had never tried any satellite work and it made the antenna pointing a little easier. Now I have to try the radio part.

Thanks Hal and Kyle for putting this together.

John WB4QDX

The first GARS "Satellites in the Park" was a big hit. We had a good size group with a lot of interest in communicating over amateur radio satellites. What's more fun than pointing a pair of 4+ foot long yagis into the air and bouncing a signal off of a satellite orbiting over 200 km above the earth moving at over 6.5 km/s. There were quite a few creative strategies tried to keep the yagis pointed at the invisible bird in the sky. We used Tablets, Smart-Phones, compasses and PC based satellite tracking software. We were able to make several contacts through the AO-27 "Bird" which was launched in 1993. We operated off of battery power and used a Yaesu FT-847 HF/UHF/VHF Satellite transceiver. We ran into a few problems trying to talk through the VO-52 linear transponder satellite but with a little extra work we should resolve those issues next time. This event provided some much needed experience and will hopefully help improve our odds of getting a satellite contact at Field Day.

Hal W4IGE



Ford Tri-Motor Special Event

GARS Does Special Event for the May Flight of the EAA Ford Tri-Motor

Our EAA690 chapter asked if we would operate a special event station for the flight of the Tri-Motor. Every so often, the Ford Tri-Motor flies into Briscoe Field to offer flights to interested persons. The fee for flights helps offset the maintenance costs of the airplane.

Built by Henry Ford, the Tri-Motor was the first mass-produced airliner in the United States. Its blue and gray Eastern Airline paint job, leather seats and interior woodwork show its age.



The plane holds seven passengers, each having access to a large picture window allowing for wide aerial views of Gwinnett's landscape. The Experimental Aircraft Association's restored 1929 Ford Tri-Motor is nicknamed the "Tin Goose".

(Continued on page 9)

Dacula Memorial Day Parade

A cool morning became a hot day as 2000 people representing 160 registered participants lined up for the 19th Annual Dacula Memorial Day parade. At 10:00 AM almost 500 vehicles began moving out to honor all who serve or have served in our military. GARS was pleased to assist by lining up all those people, floats, cars, tractors and horses in the proper order and getting them on their way on time.

The parking lot at the Hebron Baptist Church was almost too small. Two large groups had to wait for the start of the parade. Tractors unloaded in three different areas. The election year brought out dozens of whom didn't want to be near their year than ever before and it seemed like morning constitutional before arriving.



tist Church was almost too small. Two away from the parking lot and the tractor before being moved into position. This incumbents and hopefulls many of opponents. There were more horses this year than ever before and it seemed that most of them had not had their morning constitutional before arriving. A sweeper was busy all day.

It was more difficult this year thanks to the huge numbers and these problems (and a few roads the police closed) but 33 GARS and ARES members handled a difficult task in a manner that earned praise from parade organizers, participants and even politicians.

Special thanks to all who helped

David Adcock
Kyle Albritton
Karen Albritton
Sandy Jackson
Hal Collier
Bill Cherepy
Doug Kregel
Mike Weathers
Paul Kelley
Paul Branson
Steve Back
Ryan Haney
Norm Schklar
Jeff Cutchins
Joel Barrett
Ralph Pickwick
Bill Grimes
Chuck Conway

KA4KKF
W4KDA
KI4HPP
KF4DRO
W4IGE
WB4WTN
KB6RRX
ND4V
W4KLY
KA4YZR
WB2OGY
KF4DRW
WA4ZXV
AB4HF
W4JOL
KJ4CNC
KK4AUA
KK4DUZ

Steven Richardson
Bob Pursley
Dennis Nichols
Rick Cobb
Russ Willard
Mathew North
Jeff Lee
Howard Liverance
Weldon Dowd
Brian Sigmund
Dave Bruse
Randy Collins
Richard Atkin
Earl Whatley
Dozier Griffith
Dennis Womack
Curt Young

N4STR
WD4KQQ
WB4TID
N4XYY
KA4UUB
KI4PFF
AF4JL
N2JCE
N4PYB
KI4MWI
W4DTR
N4CDR
KJ4ZTY
AF4FG
WA4DEO
K4ATT
W4CHE

Earl AF4FG



FIELD DAY 2012

Field Day = 4th weekend in June

GARS and Gwinnett ARES will be at:

Sweetwater Park
800 Bethesda School Road
Lawrenceville, GA

While I seem to address this to GARS members, this is definitely a joint effort between GARS and Gwinnett ARES. This partnership has worked great and we appreciate members of both or either supporting our Field Day efforts.

If it happens to be your first time, you really don't need to bring anything other than a good mood and maybe a chair. Yes, the family is invited. You might come in two cars, as you won't want to leave once you get there.

Come out and see what we do, how we do it, suggest how we might improve. There will be lots of opportunities to operate HF. When you get on site, just go around to the different stations and fill in the time slot you want to work. If you would rather help get the food out and other support duties, there is always plenty of that to do also. There's breakfast at 8:00am, lunch at noon, dinner around 6:30pm and breakfast about 8:00am on Sunday morning. Then around noon on Sunday, we start putting away what we can as the bands close. In the past we have been off site by 3:00pm on Sunday.

Early, just after 8:00am on Saturday, you can help unload cars and trucks, set up stations, arrange tables, set out power, and get breakfast rolling. Just after breakfast there will be some unloading and then we'll start hanging antennas. It's not hard work, but it takes several folks if we want to get it accomplished before lunch. At the same time, we'll be setting up a hospitality area, distributing power cables testing generators, and erecting a couple of tents.

As lunch rolls along, we'll be putting the finishing touches on each of the 8 operating positions. Band captains might need a little help setting up the equipment while also getting their computer connected to the network. And I'm sure there will be some last minute adjustments to antenna mounting and laying cables.

As soon as we're finished with setup, there will probably be a training session on some type of antenna or other

ham related subject. Check the web site for the latest on this year's project. At 2:00pm Field Day officially begins for GARS. And you can bet there will be some of the stations needing a little help getting settled in. It could be help with logging, or maybe readjusting the fan. Of course HF bands allowing it [propagation], we operate for 24 hours. 10 and 6 meters have been open a lot the past few weeks. Maybe we'll get into one of those "Magic Band" pileups.

In most recent years we have had a VE Testing session during Field Day. For the hours and materials needed, check the web site. [<http://www.gars.org>]

We'll be attempting to make a satellite contact. That's a whole different ball game than HF and typical VHF/UHF. It's something to see! When you get on site, check with the hospitality table for the satellite schedule. We'll also post to the web site expected satellite activity times.

What else is there to do? We will have D-STAR and someone to talk you through how it works; maybe even help setup that new rig for you.

All in all, GARS-Gwinnett ARES Field Day has the makings of a great event for the club, the community and the members and all participating.

Questions can be sent to any of the GARS officers.

President, Kyle's e-mail is w4kda@arrl.net Field Day Chair, David's e-mail is ka4kkf@arrl.net

Let's all have a great time!

Norm Schklar, wa4z xv@arrl.net

Amateur Radio Station WA4ZXV
Join GARS for Field Day



A Field Day Story

Way back in the 1980's I became a Ham radio operator and went to my first Field day in Mt Carmel, Il. Being a new ham I was all gung ho and ready to work all stations possible on Field Day. I was with a group of guys setting up a tri-band antenna on a temporary field day tower and setting up radios. Then I noticed an old guy setting in a pavilion messing with a bunch of what looked like electronic junk spread out on a table. I approached the gentleman and asked what he was building. He held up his hand for me to stop talking; he was working a contact.

I noticed that he had an Oatmeal container with a lot of wire wound on it, a Sucrets box with an earphone jack, an antenna jack, a Morse Code key jack, a nine volt battery and a tuning knob. The antenna connection was connected to the Oatmeal tube with the wires wound on it. There was a very long piece of wire attached to a ground and thrown on the floor and another piece of wire attached to one of the taps on the wire coils and that wire was thrown over the rafters in the pavilion. He had an old simple code key and was working CW stations as fast as he could. He worked more stations in about 4 hours than the rest of us did the whole weekend and he did it all with homemade equipment .

The OM was Brice Anderson W9PNE (SK). Those of you that remember the old phonetics will understand the fun we had with his call on the repeater. Brice was a good ole Elmer that would help you with anything. He was the person that taught me to love kit building and boat anchors. Brice had many pieces of advice for new hams. The best advice I remember was "If you have \$100.00 to spend on ham radio, spend \$90.00 on the antenna and \$10.00 on the radio".

Thanks W9PNE (SK) You are missed.

Happy DX!!

Phil N4LNE

Air Inflatable Towers

at
LTA Projects.com



I found this product in QST, May 2012, pg. 43. LTA Projects produces inflatable towers for portable use. They are mounted on the ground or on the vehicle's receiver hitch. If you want something better, they offer, as an option, an enclosed or a flat bed trailer.

The tower they recommend for amateur radio is called the Ham Tower or Ham33. It weighs just 52.5 lbs. complete with blower, stakes and ropes. It can lift 10 lbs. of antenna with additional payload options along the sides.

It uses a powerful continuous 110 volt, 9.5 amp blower that inflates in 40 seconds and it can easily handle 30 mph winds. Complete setup is in 7 minutes and is available in 3 standard or 5 optional colors. Your callsign can be printed on it for an additional \$60.00.

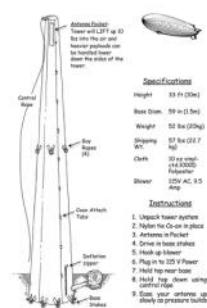
The basic tower system of the Ham Tower costs \$1229.00. Other options are available on the website: <http://www.ltaprojects.com> Video demonstrations can be seen online.

One thing I'm glad to see is that it's Made in the USA, in Cookeville, Tennessee.

Call 1-877-897-5158 for additional information/pricing.

Eddie KJ4YVJ

cueball155060@gmail.com



Our Program for the June Meeting

— Planning for Field Day & Annual Ice Cream Social! —

! Our June 12 GARS meeting will be at Sweetwater Park in Lawrenceville !

It's also the site of our Field Day event. We'll be discussing Field Day and having some great ice cream for our Annual ICE CREAM SOCIAL. So bring the family and have a fun evening out at the park. Bring a chair. The benches are hard and too far apart to be comfortable.

The park is located at: **800 Bethesda School Road, Lawrenceville 30044**

**Meetings are held on the 2nd Tuesday of each month at 7pm.
Don't miss it!**



MARK YOUR CALENDARS

It's that time of year again to celebrate with the boys of summer.



GARS Night At The G-Braves!

It will be **Sunday, July 22nd, at 5:05p**. Our seats, as usual, are in Section 113 and are under cover.
They are a little outside of the 1st base dugout.

The tickets are priced at **\$8.00ea**, which is a significant discount
below the \$11.00 normally charged for this section.

The G-Braves will be playing the Scranton/WB Yankees.

Watch the GARS website for a Paypal link or see me in person for the tickets (2 GARS meetings between now and gametime).

Hope to see you there.



Ralph - KJ4CNC

Treasurer and Group Ticket Arranger

G-Braves Website: <http://www.milb.com/index.jsp?sid=t431>

Schedule for July: <http://www.milb.com/schedule/index.jsp?sid=t431&m=07&y=2012>



(Ford Tri-Motor Spcl Event—Continued from page 4)

"It might be slow but it can haul anything you can get in it," said pilot Colin Soucy as he gave the passengers a brief history of the plane. According to Soucy, the aircraft had an interesting past including service to Cuba and roles in movies, the most recent being "Public Enemies" with star Johnny Depp, who sat in the last seat on the left.

GARS was glad to offer its services. A call went out for some help to operate an HF station for the day. EAA supplied cover, drinks, electricity, chairs. Earl, AF4FG, and Bill, WB4WTN, brought out radios and antennas. We installed a 40 meter vertical up against the chain linked fence and assembled a self-supporting stand for a VHF omni-directional antenna. We had hopes to make some May Madness contacts. It didn't take us long to get setup. And we were off making contacts.

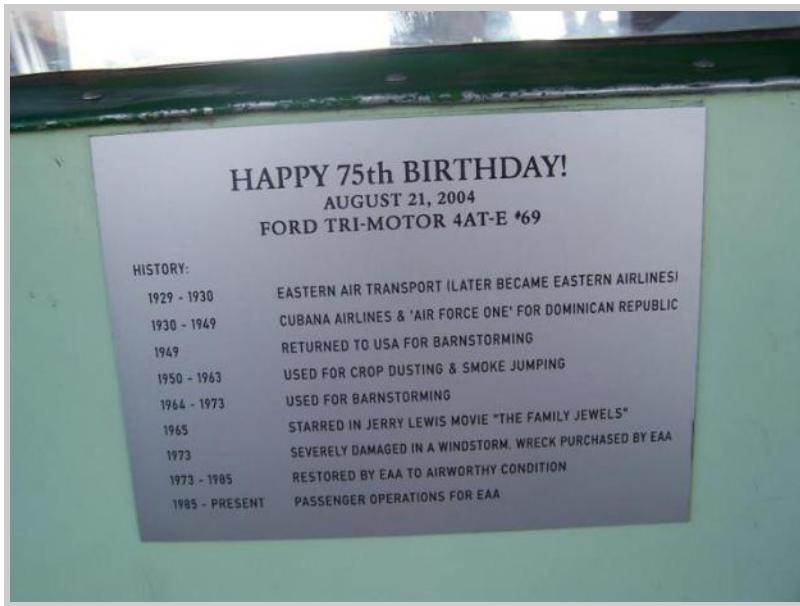
About 15 GARS members and guests showed up. We had assembly, operating and disassembly help. And, EAA was pleased that we added a little excitement to their Ford Tri-Motor activities.

Many thanks to everyone that pitched in.

For more information, click these links:

<http://www.airventuremuseum.org/collection/aircraft/ford%20tri-motor.asp>

<http://www.690.eachapter.org/apps/calendar/showEvent?callID=5796635&eventID=181750614>



Norm - WA4ZXV



NET MANAGERS CORNER

Hello Everyone from N4LNE GARS Net Manager.

I want to thank everyone for taking the time to check in to the nets and I especially wish to thank the NCS and ANCS stations for their time and effort.

Please think about adding your name to the list as NCS or ANCS.

Monday Night Net Stats.

DATE	CHECK INS	NCS	ANCS
5/28/2012	19	Norm WA4ZXV	Ralph KJ4CNC
5/21/2012	22	Sandy KJ4DRO	David KA4KKF
5/14/2012	29	Hal W4IGE	Phil N4LNE
5/7/2012	19	Bill KK4AUA	Phil N4LNE
4/30/2012	29	John WB4QDX	Brian N4TRB Lots of EchoLink check ins
4/23/2012	24	Hal W4IGE	Ralph KJ4CNC Great Job Guys

Thursday Night Net Stats

DATE	CHECK INS	NCS	ANCS
5/24/2012	11	Phil N4LNE	Dennis WB4TID
5/17/2012	13	Kyle W4KDA	Dick KC3EF
5/10/2012	18	Kyle W4KDA	Hal W4IGE
5/3/2012	9	Scott KD4YDD	Dick KC3EF
4/26/2012	14	Phil N4LNE	Dennis WB4TID
4/19/2012	12	Scott KD4YDD	Phil N4LNE

73' See you on the Nets!

Phil N4LNE
Net Manager

GARS Membership

To become a GARS member, or to renew your GARS membership,
please visit our website - <http://www.gars.org>

To make changes to your GARS membership (moved, new email address, new phone number, etc.),
please email the Membership Chairman - membership@gars.org

You can renew or update your Amateur Radio license information with the FCC at their website for free
- <http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

METRO ATLANTA AMATEUR RADIO NETS

Daily

146.76 MHz PL107.2/145.45 Noon Brown Bag Net
146.79 MHz PL110.9 8:00 PM Sassafrass Mtn.
3.795 MHz 6:00 PM WX & Skywarn

Sunday

7.275 MHz 9:00 AM Georgia Traders Net
3.975 MHz 5:00 PM Winter PM GA State ARES
146.520 5:00-6:00 PM Emergency Simplex
145.450 7:00 PM Alford Mem. RC Roundtable
147.060+ 8:30 PM No. Fulton ARES
146.820- PL146.2 7:30 PM Atlanta Radio Club Net
147.105+ PL100.0 8:30 PM ATL C.A.R.E.S Net
146.700- PL123.0 4:30 PM Jasper Radio Club
50.145 Simplex 9:00 PM Six Meter Net

Monday

145.450- PL107.2 8:00 PM Decatur A.R.E.S. Net
145.470- PL100.0 8:30 PM North Fulton Tech. Net
50.235 USB 8:30 PM Regional Six Meter Net
145.430 - PL107.2 8:00 PM Cherokee ARES
146.880 - PL100.0 8:00 PM Cobb Co. A.R.E.S. NET
147.210+ PL162.2 9:00 PM Rockdale Co. ARES
147.075+ PL 82.5 8:00 PM Gwinnett G.A.R.S.
147.075+ PL 82.5 9:00 PM Gwinnett A.R.E.S.

Tuesday

146.625- PL123.7 8:00 PM S Fulton ARES
146.895+ PL 77.0 8:00 PM Dallas
147.240+ PL103.5 8:00 PM Bartow Co. ARES
147.150+ 8:00 PM Forsyth Co. ARES

Wednesday

145.41 - 8:00 PM Chapter 49, QCWA Net
145.15 - 8:00 PM GA Tech Stinger Net .
146.67 - PL131.0 8 8:00 PM Hall Co. ARES Net

Thursday

146.955 - PL77.0 7:00 PM Digital Silver CometARS
146.955 - PL77.0 8:00 PM, Paulding ARES.
145.270 - PL100.0 8:00 PM, Cherokee Am. Radio Soc.
146.88 - PL100.0 8:30 PM, Kenneboochee ARC Net
147.225+ - 8:00 PM, NE GA ARC
147.15+ - 8:00 PM, Swap Net
147.015- PL100.0 9:00 PM, N GA Disaster Relief Team
147.39+ - PL131.8 9:00 PM Thomaston Net

Friday

145.11 - PL88.5 8:00 PM Douglas Co. ARES
147.015 - PL100.0 6:00 PM N GA Disaster Net
146.76 - PL107.2 Midnight Turnip Truck Net

Saturday

7.275 MHz 9:00 AM GA Traders Net
3.857 MHz 9:00 AM Chapter 49, QCWA Net
146.760- PL107.2 12:00 AM Midnight Turnip Truck Net
147.015- PL100.0 10:00 PM Hoot Owl Net

Ham Radio Exams New Licenses & Upgrades

**2nd Sunday of Every Month
starting promptly at 2:00 pm**

Primary areas served: Gwinnett County, GA and the surrounding area

Sponsor: Gwinnett Amateur Radio Society (GARS)

Talk-In: GARS Repeater on 147.075(+) MHz, Tone 82.5 Hz

Location:

Gwinnett County Fire Station #5
Community Room – 3001 Old Norcross Road
Duluth, GA 30096
Map: [http://maps.google.com/maps?
q=33.9566,-84.1078](http://maps.google.com/maps?q=33.9566,-84.1078)

VE Contact:

Dave Bruse W4DTR
E-mail: exams@gars.org
Phone: 770-623-0149

What to bring:

- A Photo ID. (Driver's license, Student ID, Passport, etc.)
- Minors must have 2 forms of ID and SS number.
- Your original license and two (2) copies of the original license.
- Your original CSCE and two (2) copies for any outstanding elements passed.
- A pen and a pencil with eraser.
- Calculators with memory must be cleared. Cell phones are not allowed.
- Current Exam Fee is \$14.00. Cash only. Checks are not accepted.
- Walk-ins are welcome.

No pre-registration required.

VEC: W5YI-VEC

Dave Bruse W4DTR

Email: exams@gars.org



GARS Email Group

<http://groups.yahoo.com/group/GARS/>

Join the GARS Yahoo Group if you are not already a member. To do so, go to the GARS Yahoo Group web site (<http://groups.yahoo.com/group/GARS/>) and then click on the Join This Group! link on the main page.

If you have joined the group, you can Post a message by sending an email to GARS@yahoogroups.com

The Yahoo Group is for GARS friends and members to share information, ask questions, and make announcements.

This is your group and each member is welcome to post questions or comments relating to amateur radio. Use it! With all the new hams in the area, this is great place to ask for help. There's someone out there reading the emails that can help.



Also, join us on **facebook**: <http://www.facebook.com/groups/315255321681/>

A teal-colored advertisement for Hands-Only CPR. It features a red smartphone icon with a red circle containing the number '1' above it, followed by the text 'Call 911'. To the right is a red hand icon with a red circle containing the number '2' above it. The text 'Push hard and fast in the center of the chest.' is written in white. Below this is the text 'Learn more at handsonlycpr.org'. In the top left corner is the 'Ad Council' logo. In the top right corner is the 'American Heart Association' logo with the tagline 'Learn and Live'.

The GARzette

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by email to n4gyn@arrl.net. Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the amateur radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other amateur radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The GARzette is published each month with the assistance of Norm Schklar, W4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 25th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: Ray Bailey—N4GYN
770-689-6620 or n4gyn@arrl.net

JOIN ARRL
- OR -
**RENEW YOUR
MEMBERSHIP
THROUGH GARS**



Help the GARS Treasury by applying for ARRL membership or renewing your ARRL membership through GARS. By applying for ARRL membership through GARS we are able to keep \$15.00 of each new membership fee for our Treasury. We can keep \$2.00 from each renewal.

Show your support for both organizations by applying through GARS.

Ralph Pickwick – KJ4CNC, GARS Treasurer, will have the ARRL applications at the monthly meetings for your use. We only ask that you don't wait until the last minute to renew, as we will only be sending the applications to ARRL on a monthly basis. We will only be accepting personal checks with the applications (no PayPal).

If you have any questions concerning this process, please contact Ralph at KJ4CNC@arrl.net.



UPCOMING HAMFEST CALENDAR

Southeast US



07/21/2012 | [Covington Georgia Hamfest](#)

Location: Covington, GA

Type: ARRL Hamfest

Sponsor: Newton County Radio Club

08/18/2012 | [Southeastern Division Convention \(Huntsville Hamfest\)](#)

Location: Huntsville, AL

Type: ARRL Convention

Sponsor: Huntsville Amateur Radio Club

Website: <http://www.hamfest.org>

08/25/2012 | [Southeast ARA's 1st Annual Hamfest](#)

Location: Swainsboro, GA

Type: ARRL Hamfest

Sponsor: Southeast Amateur Radio Association

Website: <http://www.kj4mks.com>

09/01-02/2012 | [56th Annual Shelby Hamfest](#)

Location: 1303 Dallas-Cherryville Hwy, Dallas, NC

Type: General

Sponsor: Shelby Amateur Radio Club (SARC)

Website: <http://shelbyhamfest.org/>

10/13/2012 | [ARC of Augusta, GA Hamfest](#)

Location: Blythe, GA

Type: ARRL Hamfest

Sponsor: Amateur Radio Club of Augusta

Website: <http://w4dv.org>

10/13/2012 | [LaGrange Hamfest](#)

Location: LaGrange, GA

Type: ARRL Hamfest

Sponsor: LaGrange Amateur Radio Club

Website: <http://www.lagrangeradioclub.org>

BSA Venture Crew 73 Wants You

IF YOU are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology,
Venture Crew 73 is for you.

- Venture Crews are part of the Boy Scouts of America.
- Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.
- Venture crew 73 is coed.
- Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at:
Briscoe Field - Sports Aviation Complex
Hangar 1, 690 Airport Road
Lawrenceville, GA 30045
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- ◊ Camping
- ◊ Hiking
- ◊ Horseback Riding
- ◊ Shooting Sports

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

Steve Back, WB2OGY

Venture Crew 73 Committee Chairman

Phone: 770-712-9069

Email: committeechair@venturecrew73.org

Jeff Lee, AF4JL

Venture Crew 73 Advisor

Phone: 678-475-3165

Email: advisor@venturecrew73.org



GARS Officers and Committee Chairs

Kyle Albritton, W4KDA
President



Earl Whatley, AF4FG
Vice President



Hal Collier, W4IGE
Secretary



Ralph Pickwick, KJ4CNC
Treasurer, Apparel Manager



Sandy Jackson, KJ4DRO
Program Manager



Dave Bruse, W4DTR
Membership Chairman, VE Team



David Adcock, KA4KKF
Webmaster, Field Day Chairman



Dorothy Jubon, N2DLJ
Public Information Officer



Norm Schklar, WA4ZXV
TechFest Chairman



Ray Bailey, N4GYN
GARzette Editor



Jeff Cutchins AB4HF
Multimedia Chairman



Bill Cherepy, WB4WTN
W4GR Trustee



Eddie Foust, WD4JEM
Repeater Chairman



Mike Weathers, ND4V
WAS-Checker



Phil McCleary, N4LNE
Net Manager



Mike Swiderski, K4HBI
Technical Advisor



GARS Communications

2 Meter Repeater
147.075(+) MHz
82.5 PL Tone

2 Meter Repeater
147.255(+) MHz
107.2 PL Tone

APRS
144.390 -- 1200 Baud
W4GR

6 Meter Repeater
53.110 (-1 MHz)
82.5 PL Tone

D-Star
WD4STR
145.060 + (1.4 MHz)
440.550 + (5 MHz)

70 Cm Repeaters
444.525(+) MHz
82.5 PL Tone
442.100(+)
82.5 PL Tone

Main Repeater Site
Oak Street,
Lawrenceville

Backup Repeater Site
Lanier Mountain,
Snellville

The following members are celebrating birthdays in June:

**HAPPY BIRTHDAY!!
From All of Us at GARS**

John Ackermann (N8UR)

Harold Brown (KI4FPR)

John Davis (WB4QDX)

Christopher Fowler (K4FH)

James Hinkle (AG4ON)

Jan Jubon (K2HJ)

Ralph Matchette (KE4IHD)

Paul Matchette (KE4VWP)

John Morgan (KD4ATL)

Brian Page (N4TRB)

Tom Power (W8RED)

Bob Runner (KE4BPR)

Robert Smith (WA4VTY)

**Meeting Minutes
GARS General Meeting May 12th, 2012**

Kyle Albritton, W4KDA, GARS President, called the meeting to order at 7:00pm at the EAA building.

Introductions of first time visitors and others present.

Treasurer's Report – Ralph Pickwick, KJ4CNC

Membership Report – Dave Bruse, W4DTR, reported the following:

GARS has 215 active members

Program Manager – Sandy Jackson, KJ4DRO, announced:

June's program will be "Getting Ready For Field Day" and Ice Cream Social.

Field day t-shirts can be purchased from Ralph Pickwick, KJ4CNC or from the GARS website. GARS patches can be purchased from Ralph for \$3.00.

Ray Bailey, N4GYN, is looking for articles for the Garzette. Email him at n4gyn@yahoo.com

David Adcock, KA4KKF, went over details for Field Day which is June 23-24.

Phil McCleary, N4LNE is looking for additional net controls for GARS nets.

Earl Whatley, AF4FG, reminded everyone about the May Madness contest for GARS members May 1-31. Rules are available on the GARS website.

Hal Collier, W4IGE, reminded everyone about "Satellites in the Park" on May 12th at Bogan Park. More information is available on the GARS website.

Earl Whatley, AF4FG, reminded everyone that GARS will be assisting with the Dacula Memorial Day Parade on May 28th. Volunteers are needed.

Norm Schklar, WA4ZXV, announced that help is needed to staff the GARS table and antenna launch contest at the Atlanta Hamfest on June 2nd.

Break

Program was "Digital Modes" by Kyle Albritton, W4KDA.

Prize Drawing

There were 57 attendees at the meeting.

June meeting will be held at Sweetwater Park.

Meeting ended at 9:18pm

Hal Collier W4IGE, Secretary



What's new on the WEB SITE?

- ◆ The web site upgrade is coming along. It is a Joomla version 2.5. After the web site was redirecting, I had to shut every thing down and check for malicious code in every file. I found some script in one of our files and reported it to our web hoster.
- ◆ I am continually trying to check all articles and pictures. If you have kept up with the yahoo group mail list, you have seen suggestions on web surfing. If you have suggestions or articles, please submit them to the webmaster@gars.org

Thank you for you patience.

- ◆ Do you get the GARZETTE from the web site? It's in the File Download menu selection in the Newsletter Folder.

73,

David KA4KKF

CALENDAR OF EVENTS

June

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 7:30am Breakfast at Golden Coral on Riverside Drive
3	4 8pm GARS 2m Net	5 6:30pm GARS Exec Meeting	6	7 9pm GARS ROUND TABLE NET	8	9 7:30am Breakfast at Golden Coral on Riverside Drive
10	11 8pm GARS 2m Net	12 5pm Dinner at the Flying Machine 7pm GARS Meeting	13	14 9pm GARS ROUND TABLE NET	15	16 7:30am Breakfast at Golden Coral on Riverside Drive
17 Father's Day	18 8pm GARS 2m Net	19	20	21 9pm GARS ROUND TABLE NET	22	23 FIELD DAY!
24 FIELD DAY!	25 8pm GARS 2m Net	26	27	28 9pm GARS ROUND TABLE NET	29	30 7:30am Breakfast at Golden Coral on Riverside Drive

Phases of the moon: 4:○ 11:● 19:● 26:○

Holidays and Observances: 17: Father's Day

Metro Testing Sessions

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <http://www.arrl-ga.org>.

First Sunday, ODD Months

2 pm (Jan, Mar, May, Jul, Sep, & Nov)
WCARS VEC
Braselton Public Utility Building
4986 Highway 53, Braselton, GA
Roger Gibson, WB4T
(770) 271-4210 or (770) 712-9560

First Sunday, EVEN Months

2 pm (Feb, Apr, Jun, Aug, Oct, Dec)
WCARS VEC
Johnson High School
3305 Poplar Springs Rd, Gainesville, GA
Perry Roper, KO4RD
(770) 536-3056

Second Saturday, ODD Months

ARRL VEC
8:30 a.m.
Stone Mountain Methodist Church
5312 West Mountain St.
Stone Mountain
Bob Varone, W4ETN
(770) 978-3179

Second Sunday

VEC: W5YI
2 pm (effective Jan 2012)
Gwinnett County Fire Station #5
3001 Old Norcross Road
Duluth, GA 30096
Contact: Dave Bruse, W4DTR
Email: exams@gars.org

Third Saturday

VEC: W5YI
3 pm (Except December)
Auburn City Hall Council Room
1369 Fourth Avenue
Auburn, GA
Steve Donellan, N5SMD
(404) 520-0368

(cont. next column)

Ham Exam Results for May, 2012

We had an excellent exam session.

5 out of 5 applicants passed!

Ham exam results:

- 2 new Technicians
- 1 new General
- 2 upgraded to Extra

Thanks to the VE's who made this exam session possible:

- Dave Bruse, W4DTR
- Bill Cherepy, WB4WTN
- Mark Fehlig, WA6NGC
- Jeff Cutchins, AB4HF
- John Davis, WB4QDX
- John Kludt, K4SQC

Thanks & 73,

Dave Bruse W4DTR

Email: exams@gars.org
GARS VE Website:
http://groups.yahoo.com/group/ARS_VE_Team/

Fourth Tuesday

ARRL VEC
7 pm @ United Way Service Center
6279 Fairburn Rd., Douglasville
Jessie Clower, KB4WFK
(770) 942-6466

Fourth Sunday

2:30 pm Georgia Tech
VanLeer Elec. Building
Rm. W218, 777 Atlantic Dr.
See www.w4aql.com
Alexander G. Carver
(404) 894-2936
acarver@ece.gatech.edu

Metro Club Meetings

First Tuesday

Kennehoochee ARC
Downtown Marietta
Fire Station #1, Training Room
112 Haynes Street
Marietta, Georgia 30060
Meeting begins at 7:00pm
Talk In 146.880(-)

First Thursday

Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30pm
Talk In -146.820(-)
N.E. Georgia ARC
Commerce Public Library
Meeting is at 6:30pm
Talk In - 147.225(+)
PL 123.0

Second Monday

Georgia Tech ARC
Room W218
Van Leer Electrical
Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00pm

Second Thursday

Alford Memorial Radio Club
Annistown Road Baptist Church
Intersection of Annistown
Rd & Spain Rd
Stone Mountain
Dinner at 6:00pm
Meeting at 7:30pm
Talk In - 146.760(-)

Second Saturday

North GA QRP Club
Board Room of The Shepherd Center at
2020 Peachtree Rd, NW, Atlanta
at 10:00 AM

Third Tuesday

North Fulton Amateur Radio League
Masonic Lodge
194 Milton Avenue
Alpharetta, Georgia
meeting at 7:30pm
Talk In - 145.47(-)

For more, go to: <http://www.gars.org/>

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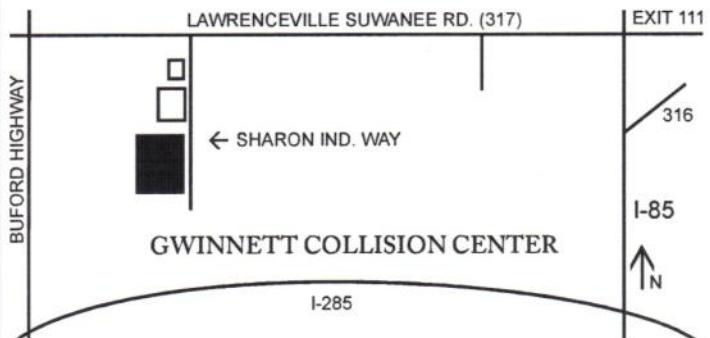
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References available upon request.

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Contact Club Secretary
Ralph Pickwick KF4CJC - kj4cnc@arrl.net
For Rates

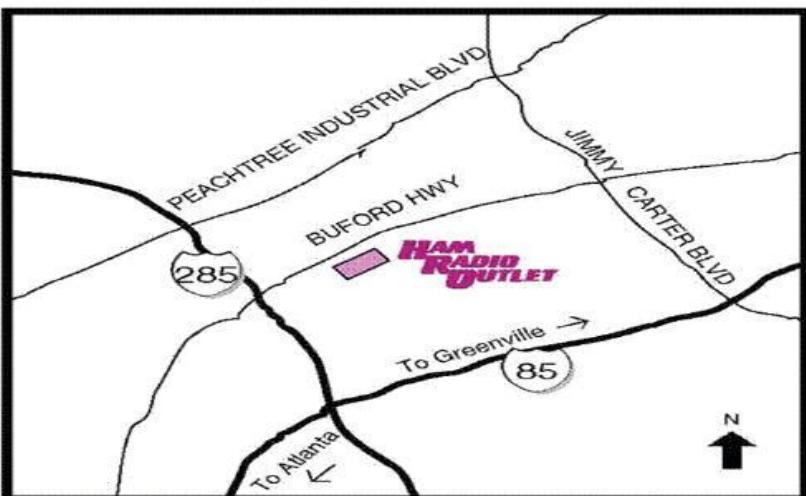
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